

Title (en)
OPTICAL DISPLAY DEVICES

Publication
EP 0021336 B1 19830504 (EN)

Application
EP 80103390 A 19800618

Priority
US 5059079 A 19790621

Abstract (en)
[origin: US4249796A] A projection display device is provided in which variation in the index of refraction is used to modulate attenuated total reflection.

IPC 1-7
G02F 1/29; **G02F 1/01**

IPC 8 full level
G02B 6/00 (2006.01); **G02F 1/17** (2006.01); **G02F 1/19** (2006.01); **G09F 9/00** (2006.01)

CPC (source: EP US)
G02F 1/195 (2013.01 - EP US)

Cited by
EP0077188A3; US6437887B1; DE4125952A1; US5347395A; EP0534083A3; GB2194071A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0021336 A1 19810107; **EP 0021336 B1 19830504**; CA 1147837 A 19830607; DE 3062957 D1 19830609; JP S565525 A 19810121; JP S6034097 B2 19850807; US 4249796 A 19810210

DOCDB simple family (application)
EP 80103390 A 19800618; CA 349763 A 19800414; DE 3062957 T 19800618; JP 6077080 A 19800509; US 5059079 A 19790621